

Is Florida Getting Warmer?

Your Name

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Introduction

We analyze the temperature trend in Florida using annual data from Key West during the 20th century.

Method

We calculated the correlation coefficient between years and temperature to gauge the trend. Given the temporal nature of the data, we used a permutation approach by reshuffling the temperatures and recalculating the correlation coefficient 10,000 times.

Results

"Observed $_{correlation}$ ", "P $_{value}$ " 0.533178398401887, 0

Conclusion

Based on our analysis, (**interpretation based on p-value**): for instance, if the p-value is less than 0.05, the trend in temperature is statistically significant, suggesting Florida is indeed getting warmer.